From: Rosalind Karlin <rosalind.karlin@chaparralenergy.com>

Sent: Tuesday, August 09, 2016 5:03 PM

To: Tingey, Christopher

Cc: Leigh Kuykendall; Greg Shelly

Subject: RE: NBU #10-18W

Attachments: Chaparral-NBU #10-18_Cement Bond.pdf; Chaparral-NBU #10-18_Cement Bond.tif

Chris,

Please see attached.

Thanks,

Rosalind

From: Tingey, Christopher [mailto:tingey.christopher@epa.gov]

Sent: Tuesday, August 09, 2016 4:37 PM

To: Rosalind Karlin

Cc: Leigh Kuykendall; Greg Shelly **Subject:** RE: NBU #10-18W

THIS EXTERNAL EMAIL WAS SAFELY RECEIVED THROUGH THE CHAPARRAL MIMECAST SERVICE.

Yes, please. That will satisfy permit condition I.A.4.

Christopher Tingey Environmental Scientist U.S. EPA, Region 6 (6WQ-SG) 1445 Ross Avenue Dallas, TX 75202 214-665-8364

From: Rosalind Karlin [mailto:rosalind.karlin@chaparralenergy.com]

Sent: Tuesday, August 09, 2016 1:09 PM

To: Tingey, Christopher <tingey.christopher@epa.gov>

Cc: Leigh Kuykendall <leighk@chaparralenergy.com>; Greg Shelly <greg.shelly@chaparralenergy.com>

Subject: RE: NBU #10-18W

Yes actually I just talked with Greg about it this morning. He did some more digging and reviewed the well history and found a bond log ran in June 2016. It indicates varying degrees of bonding, but does have some bonding from 7" casing point at 3017' to surface. He believes a good part of this is due to 600sx being pumped in the squeeze holes at 500' and going down. We have revised the TOC behind 7" casing from 2250' to 1630' bottom stage, 733' to surface top stage.

Will you need a copy of the log?

Thanks!

Rosalind Karlin

Regulatory Compliance Specialist - EOR O: 405.426.6690 *I* F: 405.425.3790 Rosalind.Karlin@chaparralenergy.com

From: Tingey, Christopher [mailto:tingey.christopher@epa.gov]

Sent: Tuesday, August 09, 2016 11:09 AM

To: Rosalind Karlin
Cc: Leigh Kuykendall
Subject: RE: NRLL #1

Subject: RE: NBU #10-18W

THIS EXTERNAL EMAIL WAS SAFELY RECEIVED THROUGH THE CHAPARRAL MIMECAST SERVICE.

Rosalind,

Any luck on finding a CBL?

Christopher Tingey Environmental Scientist U.S. EPA, Region 6 (6WQ-SG) 1445 Ross Avenue Dallas, TX 75202 214-665-8364

From: Rosalind Karlin [mailto:rosalind.karlin@chaparralenergy.com]

Sent: Tuesday, August 02, 2016 4:48 PM

To: Tingey, Christopher < tingey.christopher@epa.gov > **Cc:** Leigh Kuykendall < leighk@chaparralenergy.com >

Subject: NBU #10-18W

Chris,

I've attached a revised wellbore schematic for the NBU #10-18. I just flat out missed the details in the original completion report indicating TOC @ 2250 from bottom of casing at 3016'.

Greg is looking to see if we have a full CBL of the wellbore.

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Cc: Leigh Kuykendall; Greg Shelly

Subject: RE: NBU #10-18W

Attachments: NBU #10-W18 Vert Sch_Original Hole 2.pdf

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